

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	161	(scatter adj (plot or graph or point\$1)) same noise	US-PGPUB; USPAT	OR	ON	2007/03/30 07:46
L3	13	2 same gaussian	US-PGPUB; USPAT	OR	ON	2007/03/30 07:46
S1	1	"20050190825".pn.	US-PGPUB; USPAT	OR	ON	2007/03/28 08:38
S2	1	"5285474".pn.	US-PGPUB; USPAT	OR	ON	2007/03/28 14:25
S3	1396	detect\$3 same (gauss\$3 near noise)	US-PGPUB; USPAT	OR	ON	2007/03/28 07:32
S4	1	S1 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/27 13:05
S5	81	S3 same background	US-PGPUB; USPAT	OR	ON	2007/03/27 13:53
S6	19	S5 and (power adj level)	US-PGPUB; USPAT	OR	ON	2007/03/27 13:05
S7	950	level near power near noise	US-PGPUB; USPAT	OR	ON	2007/03/27 14:42
S8	5717	S7 adn 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/27 13:54
S9	22	S7 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/27 13:54
S10	16	level near power near noise near detect\$3	US-PGPUB; USPAT	OR	ON	2007/03/27 14:36
S11	26	S7 and AWGN	US-PGPUB; USPAT	OR	ON	2007/03/27 14:42
S12	1334	detect\$3 near (noise adj2 level)	US-PGPUB; USPAT	OR	ON	2007/03/28 07:34
S13	3	S12 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/28 07:33
S14	1492	measur\$3 near (noise adj2 level)	US-PGPUB; USPAT	OR	ON	2007/03/28 07:34
S15	12	S14 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/28 07:35
S16	1	asymmetric adj gaussian adj noise	US-PGPUB; USPAT	OR	ON	2007/03/29 07:55
S17	1396	detect\$3 same (gauss\$3 near noise)	US-PGPUB; USPAT	OR	ON	2007/03/28 08:44
S18	39	detect\$3 near (gauss\$3 near noise)	US-PGPUB; USPAT	OR	ON	2007/03/28 11:02
S19	46	asymmetric near noise	US-PGPUB; USPAT	OR	ON	2007/03/28 13:02

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S20	374	asymmetric same gaussian	US-PGPUB; USPAT	OR	ON	2007/03/28 13:02
S21	4	S20 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/28 13:02
S22	472	ADSL and (gaussian or AWGN)	US-PGPUB; USPAT	OR	ON	2007/03/28 14:27
S23	57	S22 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/28 14:26
S24	289	ADSL and ((gaussian adj noise) or AWGN)	US-PGPUB; USPAT	OR	ON	2007/03/28 14:28
S25	37	S24 and 375/222.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/28 14:28
S26	46	asymmetric near noise	US-PGPUB; USPAT	OR	ON	2007/03/29 08:08
S27	1	"6633545".pn.	US-PGPUB; USPAT	OR	ON	2007/03/29 08:09
S28	9	(US-20030099286-\$).did. or (US-6161209-\$ or US-5909178-\$ or US-6999507-\$ or US-6738418-\$ or US-6433819-\$ or US-6721394-\$ or US-7155007-\$ or US-6633545-\$). did.	US-PGPUB; USPAT	OR	ON	2007/03/29 09:10
S29	3	S28 and gain	US-PGPUB; USPAT	OR	ON	2007/03/29 09:11
S30	92	(gain adj factor) same (noise near level)	US-PGPUB; USPAT	OR	ON	2007/03/29 09:28
S31	2	S30 and (375/222.ccls. or 375/260. ccls. or 375/285.ccls. or 375/346. ccls.)	US-PGPUB; USPAT	OR	ON	2007/03/29 09:12
S32	55	asymmetric same symmetric same noise same (equivalent or equal or similar or related)	US-PGPUB; USPAT	OR	ON	2007/03/29 13:56
S33	3468	375/260.ccls. or 375/284.ccls. or 375/346.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/29 13:57
S34	67	S33 and (noise near level) and asymmetric\$2	US-PGPUB; USPAT	OR	ON	2007/03/29 14:39
S35	1	"5479447".pn.	US-PGPUB; USPAT	OR	ON	2007/03/29 14:39
S36	13	(US-20030099286-\$ or US-20030048368-\$ or US-20020044597-\$).did. or (US-6161209-\$ or US-5909178-\$ or US-6999507-\$ or US-6738418-\$ or US-6433819-\$ or US-6721394-\$ or US-7155007-\$ or US-6633545-\$ or US-7035661-\$ or US-6052420-\$). did.	US-PGPUB; USPAT	OR	ON	2007/03/29 14:44

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S37	0	S36 and bit\$1load\$3	US-PGPUB; USPAT	OR	ON	2007/03/29 14:45
S38	11	S36 and bit	US-PGPUB; USPAT	OR	ON	2007/03/29 14:45
S39	83	bit\$1load\$3 same (signal\$4noise or "SNR")	US-PGPUB; USPAT	OR	ON	2007/03/30 07:46

Nguyen, Leon-Viet Q.

From: Deppe, Betsy L.
Sent: Thursday, March 29, 2007 10:50 AM
To: Nguyen, Leon-Viet Q.
Subject: RE: help on case #10789552

Search 375/260 for multi-tone/DSL systems.

Search 375/224, 284, 285, 346 - relevant to noise

Class 379/93.01 may have modems.

Class 702 involves measuring. Maybe you can check with someone there for additional search.

-----Original Message-----

From: Nguyen, Leon-Viet Q.
Sent: Wednesday, March 28, 2007 2:20 PM
To: Deppe, Betsy L.
Subject: help on case #10789552

Hi Betsy. I know you're probably busy since it's the end of the quarter but I was wondering if you could quickly help me on case #10789552. It's dealing with detection of a noise power levels and DSL modems. I've searched in 375/22 but not sure where else i can search. Specifically about the asymmetric noise. Can you give me other places to search and maybe some key terms to search? Thanks.

Leon-Viet Nguyen
Art Unit 2611, JEF 2A70
Ext. 01185

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File Format: PDF/Adobe Acrobat

for **Biased-Gaussian noise** sources and its implications on bit-loading. ... loading, a **biased Gaussian noise** source can be treated as an ...ieeexplore.ieee.org/iel5/9640/30469/01405207.pdf - [Similar pages](#)**Welcome to IEEE Xplore 2.0: Multicarrier bit-loading in presence ...**The BER-equivalent **noise** for a **biased-Gaussian noise** is simply the amplified version of the underlying **Gaussian noise** source. The amplification factor is ...ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=1405207 - [Similar pages](#)[[More results from ieeexplore.ieee.org](#)]**Biased Gaussian noise source for digital-transmission-system ...**A **biased Gaussian** source is described for use in simulation studies of digital transmission systems. It enables low error rates due to **Gaussian noise** plus ...adsabs.harvard.edu/abs/1983EIL....19..549A - [Similar pages](#)**Error and Bias in the STSDAS fitting Package**Triangles: **Gaussian noise**. Points below the zero line mean that the ... Figure: Double Planck function **bias** and errors. The two temperatures and the largest ...www.cv.nrao.edu/adass/adassVI/buskoi.html - 10k - [Cached](#) - [Similar pages](#)**[PS] Error and Bias in the STSDAS fitting Package**File Format: Adobe PostScript - [View as Text](#)may generate **biased** coefficients (at the few percent level), and over or ... When applied to a power-series polynomial with **Gaussian noise**, both linear ...www.cv.nrao.edu/adass/adassVI/reprints/buskoi.ps.gz - [Similar pages](#)**Interpret CCD Read Noise Frame FFTs**This supports our earlier finding that the histogram of the QSI 504 **bias** frame displayed a smooth **Gaussian** distribution. The FFT of the read **noise** frame ...www.qsimaging.com/ccd_noise_ffts.html - 18k - [Cached](#) - [Similar pages](#)**[BOOK] Machine Reconstruction of Human Control Strategies - Google Books Result**

by Dorian Šuc - 2003

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Flux Overestimation Vs. SNRAll the sources of non-**Gaussian noise** only increase our actual flux overestimation. ... I have plotted the J flux **bias** vs. J true flux, H flux **bias** vs. ...

spider.ipac.caltech.edu/staff/tchester/2mass/processing/flux_bias_by_snr.html - 12k -

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